

NAMAN RATHI

Aspiring Data Scientist | Web Developer

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Bengaluru, Karnataka

SUMMARY

Innovative and results-driven Computer Science student with a passion for harnessing data and AI to solve complex problems. With hands-on experience in building machine learning models and full-stack web applications, I excel at delivering data-driven solutions that drive measurable results. Key accomplishments include leading a hackathon project on celestial body recognition, achieving **81% model efficiency**, and creating impactful dashboards that reduced analytics turnaround time by **30%**. I combine technical expertise in **Python, React, TensorFlow**, and **Tableau** with a knack for collaborative problem-solving and leadership. Whether it's designing AI-powered systems or optimizing workflows, I am committed to leveraging my skills to make a tangible impact in technology and innovation.

EXPERIENCE

Data Analytics Intern

Unified Mentors 08/2024 - 10/2024 Bengaluru, Karnataka

Successfully completed a **2-month internship** focused on data analytics and visualization across three projects:

- Amazon Sales Insights:** Conducted market analysis to identify sales trends, improving business recommendations by **15%**.
- AtliQ Hospitality Analysis:** Built interactive dashboards in Tableau, optimizing operations by **20%** through actionable insights.
- FIFA World Cup Analysis:** Utilized Python and Pandas to analyze historical data, predicting potential winners with **85% accuracy**.
- Gained hands-on expertise in **Python, Tableau, Pandas, Matplotlib, and Excel**, delivering comprehensive insights to enhance decision-making.
- Enhanced client reporting speed by **30%** through advanced Tableau dashboards for hospitality and sales analytics.
- Published internship certification and key insights on LinkedIn, generating professional engagement and expanding visibility.

Hackathon Project - Celestial Body Recognition

Amrita Vishwa Vidyapeetham 2024 Bengaluru, Karnataka

Role: Team Lead | Topic: Image Recognition

- Built an advanced image recognition system categorizing stars, nebulae, galaxies, and planets, leveraging **YOLOv9**.
- Created an end-to-end solution with a robust data pipeline, including annotation, bounding box creation, and model evaluation.
- Improved model performance by **10%** through iterative hyperparameter tuning and validation and achieved an efficiency of **81%**.

Student

RNSIT 2022 - Present Bengaluru, Karnataka

- Contributed to **5+** real-world projects, including data visualization dashboards and AI solutions.
- Participated in workshops and hackathons, gaining practical exposure to the latest tools and technologies in the field.
- Developing a BookMyShow-inspired **Houseparty app** with dynamic event posting, boosting user interaction by **40%**.

EDUCATION

Bachelor of Technology (B.Tech), Computer Science (Data Science)

RNSIT 12/2022 - 12/2026 Bengaluru, Karnataka

STRENGTHS

- Data Modeling:**
Expertise in creating and optimizing datasets for machine learning models, leading to improved efficiency and accuracy.
- Problem Solving:**
Demonstrated ability to overcome technical challenges and deliver innovative solutions with measurable impact.
- Collaboration:**
Skilled in leading and collaborating with cross-functional teams to meet deadlines and exceed project goals.

SKILLS

Python	Tableau	Excel	Pandas
SQL	YOLOv9	Data Analysis	
Machine Learning		Leadership	
Communication		Problem-Solving	
Adaptability	React	Matplotlib	

KEY ACHIEVEMENTS

- Hackathon Success**
• Led a celestial body recognition system project in a competitive hackathon, achieving **81% accuracy** with YOLOv9.
• Developed a custom dataset of 80 annotated images, improving annotation efficiency by **20%** through robust data preprocessing.
- Internship Excellence**
• Delivered impactful solutions across **three real-world projects** during a **2-month internship** at Unified Mentor.
- Academic Excellence**
• Secured **94.14 percentile** in JEE Mains and **99.04 percentile** in MHTCET, reflecting a strong academic foundation.
- Dashboard Development**
• Automated analytics workflows for Amazon Sales Insights, reducing manual effort by **25%** and improving accuracy.